

Dry Glaze Mixing Guide

(For Dipping)

Dry glaze ingredients tend to separate during handling and transportation with the heavier materials settling at the bottom of the packet / bag.

DRY GLAZES FROM A PACKET / BAG NEED TO BE MIXED ALL AT ONCE.

Using a partial packet / bag could effect the glaze results.

Required Materials

- Dust protection : mask, gloves
- Full packet / bag of dry glaze (mix entire packet / bag; do not use partial quantities)
- Warm water (preferable)
- Mixing container (25% larger than expected final glaze volume)
- Mixer : hand blender, drill mixer, or stand mixer
- Sieve : 100-mesh for smooth glazes, 80-mesh for textured glazes

Mixing Procedure

1. Pour all dry glaze powder into the container.
2. Add half of the total required water.
3. Allow the mixture to soak for approximately 20 minutes.
4. Add most of the remaining water while mixing, holding back a small amount to adjust later.
5. Let the glaze rest overnight (12 hours) to hydrate fully.
6. Mix thoroughly using the mixer.

Adjusting Consistency / Specific Gravity

1. If the glaze is too thick or specific gravity is too high, add water in small amounts (50 ml or ¼ cup).
2. If the glaze is too thin or specific gravity is too low, let the glaze sit until water rises to the surface, then remove the excess water (a bulb baster works well).
3. Repeat adjustments until the desired consistency or specific gravity is reached.

Final Steps

1. Sieve the glaze:
 - a. 100-mesh for standard, smooth glazes
 - b. 80-mesh for textured glazes
2. Stir before each use to prevent settling.
3. Periodically recheck and adjust consistency or specific gravity.